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L4: Entry 22 of 23

File: USPT

Feb 13, 1996

DOCUMENT-IDENTIFIER: US 5491152 A

TITLE: Derivatives of cyclic ethers and sulfides for the treatment of atherosclerosis

Detailed Description Text (396):

By "therapeutically effective amount" it is meant an amount of a compound of Formula I that when administered alone or in combination with an additional therapeutic agent to a cell or mammal is effective to inhibit ACAT so as to prevent or ameliorate the atherosclerosis or hypercholesterolemia disease condition or the progression of the disease.

Detailed Description Text (612):

The compounds of the present invention can also be administered in the form of liposome delivery systems, such as small unilamellar vesicles, large unilamellar vesicles, and multilamellar vesicles. Liposomes can be formed from a variety of phospholipids, such as cholesterol, stearylamine, or phosphatidylcholines.

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L4: Entry 19 of 23

File: USPT

Jul 29, 1997

DOCUMENT-IDENTIFIER: US 5652224 A

TITLE: Methods and compositions for gene therapy for the treatment of defects in lipoprotein metabolism

Detailed Description Text (44):

The AAV rep gene can be supplied to the hybrid virus by several methods described in the above-incorporated application. One embodiment for providing rep proteins in trans is by transfecting into the target monolayer of cells previously infected with the hybrid vector, a liposome enveloped plasmid containing the genes encoding the AAV rep 78 kDa and 52 kDa proteins under the control of the AAV P5 promoter. More preferably for in vivo use, the AAV rep gene may also be delivered as part of the hybrid virus. One embodiment of this single particle concept is supplied by a polycation conjugate of hybrid virus. Infection of this modified virus conjugate is accomplished in the same manner and with regard to the same target cells as identified above. However, the polylysine conjugate of the hybrid virus onto which was directly complexed a plasmid that encoded the rep 78 and 52 proteins, combines all of the functional components into a single particle structure. Thus, the hybrid virus conjugate permits delivery of a single particle to the cell, which is considerably more desirable for therapeutic use. In another embodiment, the hybrid virus is modified by cloning the rep cDNA directly into the adenovirus genome portion of the hybrid vector.

Other Reference Publication (20):

J. Goldstein et al, "Defective Lipoprotein Receptors and Atherosclerosis--Lessons from an Animal Counterpart of Familial Hypercholesterolemia", New Engl. J. Med., 309(5):288-296 (Aug. 4, 1983) [Goldstein II].

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 23 of 23 returned.**☐ 1. Document ID: US 6391298 B1

L4: Entry 1 of 23

File: USPT

May 21, 2002

US-PAT-NO: 6391298

DOCUMENT-IDENTIFIER: US 6391298 B1

TITLE: Method of using PON-1 to decrease atheroma formation

DATE-ISSUED: May 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Radtke; Klaus-Peter	Apex	NC		

US-CL-CURRENT: [424/94.6](#); [435/196](#), [435/252.3](#), [435/320.1](#), [530/350](#), [530/387.1](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Fig 1.1	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 6369075 B1

L4: Entry 2 of 23

File: USPT

Apr 9, 2002

US-PAT-NO: 6369075

DOCUMENT-IDENTIFIER: US 6369075 B1

TITLE: 7[4'-trifluoromethyl-biphenyl-2-carbonyl)amino]-quinoline-3-carboxylic acid amides, and method of inhibiting the secretion of apolipoprotein B

DATE-ISSUED: April 9, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ruggeri; Roger	Waterford	CT		
Wilson; Douglas	Groton	CT		

US-CL-CURRENT: [514/311](#); [514/314](#), [546/169](#), [546/170](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Fig 1.2	Claims	KWIC
Draw Desc	Image										

☐ 3. Document ID: US 6355451 B1

L4: Entry 3 of 23

File: USPT

Mar 12, 2002

US-PAT-NO: 6355451

DOCUMENT-IDENTIFIER: US 6355451 B1

TITLE: Low density lipoprotein binding proteins and their use in diagnosing and treating atherosclerosis

DATE-ISSUED: March 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lees; Ann M.	Brookline	MA		
Lees; Robert S.	Brookline	MA		
Law; Simon W.	Lexington	MA		
Arjona; Anibal A.	Boston	MA		

US-CL-CURRENT: 435/69.1; 536/22.1, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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☐ 4. Document ID: US 6350457 B1

L4: Entry 4 of 23

File: USPT

Feb 26, 2002

US-PAT-NO: 6350457

DOCUMENT-IDENTIFIER: US 6350457 B1

TITLE: Methods and compounds for the treatment of immunologically-mediated diseases using mycobacterium vaccae

DATE-ISSUED: February 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Watson; James D.	Auckland			NZ
Tan; Paul L. J.	Auckland			NZ
Prestidge; Ross	Auckland			NZ

US-CL-CURRENT: 424/248.1; 424/184.1, 424/234.1, 424/278.1, 424/9.1, 424/9.2, 424/93.1, 435/243, 435/253.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 5. Document ID: US 6251677 B1

L4: Entry 5 of 23

File: USPT

Jun 26, 2001

US-PAT-NO: 6251677

DOCUMENT-IDENTIFIER: US 6251677 B1

TITLE: Hybrid adenovirus-AAV virus and methods of use thereof

DATE-ISSUED: June 26, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wilson; James M.	Gladwyne	PA		
Kelley; William M.	Ann Arbor	MI		
Fisher; Krishna J.	New Orleans	LA		

US-CL-CURRENT: 435/457; 424/93.2, 424/93.6, 435/320.1, 435/325, 435/366, 435/369,
435/456, 435/463, 536/23.1, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMCM
Draw Desc	Image									

☐ 6. Document ID: US 6251400 B1

L4: Entry 6 of 23

File: USPT

Jun 26, 2001

US-PAT-NO: 6251400

DOCUMENT-IDENTIFIER: US 6251400 B1

TITLE: Compositions and methods of treatment of neoplastic diseases and hypercholesterolemia with citrus limonoids and flavonoids and tocotrienols

DATE-ISSUED: June 26, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guthrie; Najla	London			CA
Kurowska; Elzbieta Maria	London			CA
Carroll; Kenneth Kitchener	London			CA

US-CL-CURRENT: 424/736; 424/439, 426/599, 426/615, 426/648, 514/27, 514/458, 514/824

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMCM
Draw Desc	Image									

☐ 7. Document ID: US 6174527 B1

L4: Entry 7 of 23

File: USPT

Jan 16, 2001

US-PAT-NO: 6174527

DOCUMENT-IDENTIFIER: US 6174527 B1

TITLE: Methods and compositions for gene therapy for the treatment of defects in lipoprotein metabolism

DATE-ISSUED: January 16, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wilson; James M.	Gladwyne	PA		
Kozarsky; Karen	Philadelphia	PA		
Strauss, III; Jerome	Wyndmoor	PA		

US-CL-CURRENT: [424/93.2](#); [424/93.1](#), [435/320.1](#), [435/455](#), [435/456](#), [514/44](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 8. Document ID: US 6168933 B1

L4: Entry 8 of 23

File: USPT

Jan 2, 2001

US-PAT-NO: 6168933

DOCUMENT-IDENTIFIER: US 6168933 B1

TITLE: Phospholipid transfer protein

DATE-ISSUED: January 2, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kaser; Matthew R.	Castro Valley	CA		
Hillman; Jennifer L.	Mountain View	CA		
Baughn; Mariah R.	San Leandro	CA		

US-CL-CURRENT: [435/91.1](#); [435/6](#), [435/69.1](#), [435/91.2](#), [436/94](#), [536/23.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 9. Document ID: US 6121283 A

L4: Entry 9 of 23

File: USPT

Sep 19, 2000

US-PAT-NO: 6121283

DOCUMENT-IDENTIFIER: US 6121283 A

TITLE: Apo B-secretion/MTP inhibitory amides

DATE-ISSUED: September 19, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chang; George	Ivoryton	CT		
Quallich; George Joseph	North Stonington	CT		

US-CL-CURRENT: [514/307](#); [546/139](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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☐ 10. Document ID: US 6087108 A

L4: Entry 10 of 23

File: USPT

Jul 11, 2000

US-PAT-NO: 6087108
DOCUMENT-IDENTIFIER: US 6087108 A

TITLE: RNA editing enzyme

DATE-ISSUED: July 11, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bandman; Olga	Mountain View	CA		
Goli; Surya K.	Sunnyvale	CA		

US-CL-CURRENT: 435/6; 536/23.2, 536/24.31

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KM/C
Draw Desc	Image									

☐ 11. Document ID: US 6013630 A

L4: Entry 11 of 23

File: USPT

Jan 11, 2000

US-PAT-NO: 6013630
DOCUMENT-IDENTIFIER: US 6013630 A

TITLE: Atrial natriuretic factor mutants and ischemic stroke

DATE-ISSUED: January 11, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shimkets; Richard August	West Haven	CT		

US-CL-CURRENT: 514/12; 530/324

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KM/C
Draw Desc	Image									

☐ 12. Document ID: US 5998623 A

L4: Entry 12 of 23

File: USPT

Dec 7, 1999

US-PAT-NO: 5998623
DOCUMENT-IDENTIFIER: US 5998623 A

TITLE: Process and intermediates for preparing
4'-trifluoromethylbiphenyl-2-carboxylic acid
[2-(2H-[1,2,4]triazol-3-ylmethyl)-1,2,3,4-tetrahydro-isoquinolin-6-yl]-a mide

DATE-ISSUED: December 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Urban; Frank John	Waterford	CT		

US-CL-CURRENT: 546/143; 546/148

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 13. Document ID: US 5919795 A

L4: Entry 13 of 23

File: USPT

Jul 6, 1999

US-PAT-NO: 5919795

DOCUMENT-IDENTIFIER: US 5919795 A

TITLE: Biphenyl-2-carboxylic acid-tetrahydro-isoquinolin-6-yl amide derivatives, their preparation and their use as inhibitors of microsomal triglyceride transfer protein and/or apolipoprotein B (Apo B) secretion

DATE-ISSUED: July 6, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chang; George	Ivoryton	CT		
Dorff; Peter H.	Norwich	CT		
Quallich; George J.	North Stonington	CT		

US-CL-CURRENT: 514/310; 546/143

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 14. Document ID: US 5856152 A

L4: Entry 14 of 23

File: USPT

Jan 5, 1999

US-PAT-NO: 5856152

DOCUMENT-IDENTIFIER: US 5856152 A

TITLE: Hybrid adenovirus-AAV vector and methods of use therefor

DATE-ISSUED: January 5, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wilson; James M.	Gladwyne	PA		
Kelley; William M.	Ann Arbor	MI		
Fisher; Krishna J.	Philadelphia	PA		

US-CL-CURRENT: 435/457; 435/320.1, 435/369

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC

☐ 15. Document ID: US 5811438 A

L4: Entry 15 of 23

File: USPT

Sep 22, 1998

US-PAT-NO: 5811438

DOCUMENT-IDENTIFIER: US 5811438 A

TITLE: Esters and amides of non-steroidal anti-inflammatory carboxylic acids which may be used as anti-oxidants, 5-lipoxygenase inhibitors and non-steroidal anti-inflammatory products

DATE-ISSUED: September 22, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hellberg; Mark R.	Arlington	TX		
Graff; Gustav	Cleburne	TX		
Gamache; Daniel A.	Arlington	TX		
Nixon; Jon C.	Mansfield	TX		
Garner; William H.	Southlake	TX		

US-CL-CURRENT: 514/458; 514/465, 514/653, 549/407, 549/438

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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☐ 16. Document ID: US 5804185 A

L4: Entry 16 of 23

File: USPT

Sep 8, 1998

US-PAT-NO: 5804185

DOCUMENT-IDENTIFIER: US 5804185 A

TITLE: RNA editing enzyme REE-2

DATE-ISSUED: September 8, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bandman; Olga	Mountain View	CA		
Goli; Surya K.	Sunnyvale	CA		

US-CL-CURRENT: 424/94.61; 435/227, 435/252.3, 435/320.1, 435/325, 435/419, 536/23.2, 536/24.31

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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☐ 17. Document ID: US 5798209 A

L4: Entry 17 of 23

File: USPT

Aug 25, 1998

US-PAT-NO: 5798209

DOCUMENT-IDENTIFIER: US 5798209 A

TITLE: Human and mouse very low density lipoprotein receptors and methods for use of such receptors

DATE-ISSUED: August 25, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chan; Lawrence C. B.	Houston	TX		

US-CL-CURRENT: 435/6; 435/91.2, 536/23.1, 536/24.3, 536/24.33

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 18. Document ID: US 5750367 A

L4: Entry 18 of 23

File: USPT

May 12, 1998

US-PAT-NO: 5750367

DOCUMENT-IDENTIFIER: US 5750367 A

TITLE: Human and mouse very low density lipoprotein receptors and methods for use of such receptors

DATE-ISSUED: May 12, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chan; Lawrence C. B.	Houston	TX		

US-CL-CURRENT: 435/69.1; 435/243, 435/320.1, 435/325, 435/410, 435/69.6, 435/70.1, 435/70.3, 435/71.1, 536/23.1, 536/23.5, 536/24.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 19. Document ID: US 5652224 A

L4: Entry 19 of 23

File: USPT

Jul 29, 1997

US-PAT-NO: 5652224

DOCUMENT-IDENTIFIER: US 5652224 A

TITLE: Methods and compositions for gene therapy for the treatment of defects in lipoprotein metabolism

DATE-ISSUED: July 29, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wilson; James M.	Gladwyne	PA		
Kozarsky; Karen	Philadelphia	PA		
Strauss, III; Jerome	Wyndmoor	PA		

US-CL-CURRENT: 514/44; 424/93.21, 435/320.1, 435/325, 435/354, 435/366, 435/369,
435/370, 435/456

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 20. Document ID: US 5643943 A

L4: Entry 20 of 23

File: USPT

Jul 1, 1997

US-PAT-NO: 5643943

DOCUMENT-IDENTIFIER: US 5643943 A

TITLE: Systemic administration of esters and amides of antioxidants which may be used as antioxidant prodrug therapy for oxidative and inflammatory pathogenesis

DATE-ISSUED: July 1, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gamache; Daniel A.	Arlington	TX		
Hellberg; Mark R.	Arlington	TX		
Nixon; Jon C.	Mansfield	TX		
Graff; Gustav	Cleburne	TX		

US-CL-CURRENT: 514/456; 514/469, 514/622

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 21. Document ID: US 5583147 A

L4: Entry 21 of 23

File: USPT

Dec 10, 1996

US-PAT-NO: 5583147

DOCUMENT-IDENTIFIER: US 5583147 A

TITLE: Amides for the treatment of atherosclerosis

DATE-ISSUED: December 10, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ko; Soo S.	Wilmington	DE		
Wilde; Richard G.	Newark	DE		
DeLucca; Indawati	Wilmington	DE		
Li; Hui-Yin	Newark	DE		
Kezar, III; Hollis S.	Newark	DE		
Boswell; George A.	Wilmington	DE		
Srivastava; Anurag S.	Newark	DE		

US-CL-CURRENT: 514/336; 514/255.05, 514/269, 514/299, 514/309, 514/312, 514/337,

514/341, 514/343, 514/348, 514/352, 544/298, 544/405, 546/112, 546/141, 546/153,
546/268.4, 546/271.4, 546/272.1, 546/278.4, 546/278.7, 546/281.4, 546/283.7,
546/284.4, 546/296

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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☐ 22. Document ID: US 5491152 A

L4: Entry 22 of 23

File: USPT

Feb 13, 1996

US-PAT-NO: 5491152

DOCUMENT-IDENTIFIER: US 5491152 A

TITLE: Derivatives of cyclic ethers and sulfides for the treatment of atherosclerosis

DATE-ISSUED: February 13, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wilde; Richard G.	Newark	DE		
Ko; Soo S.	Wilmington	DE		
Billheimer; Jeffrey T.	West Chester	PA		

US-CL-CURRENT: 514/336; 514/255.05, 514/256, 514/365, 514/374, 514/397, 514/406,
514/422, 514/431, 514/432, 514/443, 514/450, 514/456, 514/459, 514/469, 544/333,
544/405, 546/279.7, 546/280.1, 546/280.4, 546/281.1, 546/281.4, 546/281.7, 546/282.1,
546/282.7, 546/283.1, 546/284.1, 546/284.4, 546/284.7, 548/204, 548/236, 548/311.1,
548/315.1, 548/365.7, 549/13, 549/28, 549/346, 549/397, 549/425, 549/467, 549/58

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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☐ 23. Document ID: JP 04273825 A

L4: Entry 23 of 23

File: JPAB

Sep 30, 1992

PUB-NO: JP404273825A

DOCUMENT-IDENTIFIER: JP 04273825 A

TITLE: STIMULATION OF LDL UPTAKE AND LDL RECEPTOR EXPRESSION

PUBN-DATE: September 30, 1992

INVENTOR-INFORMATION:

NAME	COUNTRY
GROVE, ROBERT I	
MAZZUCCO, CHARLES E	
RADKA, SUSAN F	
SHOYAB, MOHAMMED	
KIENER, PETER A	

INT-CL (IPC): A61K 37/02; A61K 37/02; A61K 37/02; A61K 39/00; A61K 39/395

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Terms	Documents
L2 and liposome\$	23

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<i>DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
L4	L2 and liposome\$	23	L4
L3	L2 or l1 and liposome\$	403	L3
L2	(atherosclerosis) adj5 (hypercholesterolemia)	262	L2
L1	atherosclerosis same hypercholesterolemia	1283	L1

END OF SEARCH HISTORY